

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210011-6

KAULIN, N.Ya.

Wind velocity measurements. Trudy GGO no.108:48-58 '60.
(MIRA 13:11)
(Winds)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210011-6"

DASHKEVICH, L.L.; SURAZHSKIY, D.Ya.; USOL'TSEV, V.A.; AZHEL', M.Ye.;
BOZHEVIKOV, S.N.; VORZHENEVSKIY, N.S.; MANUYLOV, K.N.;
GLAZOVA, Ye.F.; KARPUSHA, V.Ye.; PROTOPOPOV, N.G.; SHADRINA,
Ye.N.; IGRUNOV, V.D.; NECHAYEV, I.N.; BESPALOV, D.P.;
ILLARIONOV, V.I.; GLEBOV, F.A.; GLAZOVA, Ye.F.; KAULIN, N.Ya.;
GORYSHIN, V.I.; GAVRILOV, V.A.; TIMOFEEV, M.P., retsenzent;
YEFREMYCHEV, V.I., retsenzent; KRASOVSKIY, V.B., retsenzent;
V'YUNNIK, A.P., retsenzent; SIERNZAT, M.S., otv. red.;
RUSIN, N.P., otv. red.; YASNOCGORODSKAYA, M.M., red.; VOLKOV,
N.V., tekhn. red.

[Instructions to hydrometeorological stations and posts] Nastavle-
nie gidrometeorologicheskim stantsiiam i postam. Leningrad,
Gidrometeoroizdat. No.3. Pt.3. [Meteorological instruments and
observation methods used on a hydrometeorological network] Me-
teorologicheskie pribory i metody nabliudenii, primenyaemye na
gidrometeorologicheskoi seti. 1962. 295 p. (MIRA 15:5)

(Continued on next card)

DASHKEVICH, L.L.--- (continued) Card 2.

1. Russia (1923- U.S.S.R.) Glavnaya upravleniya gidrometeorologicheskoy sluzhby. 2. Glavnaya geofizicheskaya observatoriya Nauchno-issledovatel'skogo instituta gidrometeorologicheskikh priborov i Gosudarstvennogo hidrologicheskogo instituta (for Dashkevich, Surazhskiy, Usol'tsev, Azzel', Bozhevikov, Vorzhenevskiy, Manuylov, Glazova, Karpusha, Protopopov, Shadrina, Igrunov, Nechayev, Bespalov, Illarionov, Glebov, Glazova, Kaulin, Gorysnin, Gavrilov). 3. Komissiya Glavnogo upravleniya gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR (for Nechayev, Usol'tsev, Timofeyev, Yefremychev, Krasovskiy, V'yunnik)
(Meteorology)

KAULIN, N.Ya.

Measuring wind velocity by various periods of averaging. Trudy
CCO no. 129:111-117 '62. (MIRA 16:2)
(Winds)

KAULIN, N.Ya.

Effect of errors in gradient temperature and humidity measurement
on the heat balance value. Trudy GGO no.160:108-112 '64.
(MIRA 17:9)

L-14019-66 EWT(1)/FCC GW
ACC NR: AT6004190 (N)

SOURCE CODE: UR/2531/65/000/174/0057/0061

AUTHOR: D'yachkova, T. V.; Kaulin, N. Ya.

ORG: none

TITLE: Effect of forced ventilation on the determination of ^{12,44,55} temperature and humidity of air in a psychrometric cabin

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 174, 1965. Metodika meteorologicheskikh nablyudeniy i obrabotki (Methods of meteorological observation and processing observation data), 57-61

TOPIC TAGS: meteorological observation, temperature measurement, temperature inversion, air humidity, ventilation engineering

ABSTRACT: The authors evaluate an effect of forced ventilation in psychrometric cabins based on the accuracy of the temperature and air humidity measurements carried out in different regions. It is shown that the ventilation of psychrometric cabins in regions with relatively moderate air temperature and a low number of calm days has hardly any significant value. In regions with high temperatures, and weak winds, the ventilation of cabins will supposedly improve the observation of air temperatures and eliminate errors in determining air humidity caused by the application of standard psychrometric charts. Orig. art. has: 2 figures and 2 tables. [Based on author's abstract].

Card 1/2

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B+1

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210011-6

L 14019-66

ACC NR: AT6004190

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 001 / ATD PRESS:

Cord

212 SC

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210011-6"

BASHNIN, L.N.; BELINKIN, A.A.; BUKANOV, V.A.; KAULIN, V.A.; ZOTIKOV, S.L.

New technology in the manufacture of tubular form components
by means of high-frequency heating. Med.prom. 14 no.3:50-52
Mr '60. (MIRA 13:6)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets".
(MEDICAL INSTRUMENTS AND APPARATUS)

3(7)

AUTHOR:

Kaulin, V. N.

SOV/50-59-10-15/25

TITLE:

On the Methods of Recording Winter Precipitations in the
Kamennaya Steppe

PERIODICAL: Meteorologiya i hidrologiya, 1959, Nr 10, pp 36 - 38 (USSR)

ABSTRACT: The author describes the various views (Refs 1,2,3) of the methods employed for recording winter precipitations in drainage areas. The Gidrometeorologicheskaya observatoriya Kamennaya step' (Hydrometeorological Observatory of the Kamennaya Steppe) made observations of the snow-fall in nine drainage areas in the open steppe and the tree belts for nine years. The observations were restricted to river-beds bearing water only in summer. Winter precipitations were simultaneously observed by means of snow- and rain-gauges and other meters under various wind conditions. Analysis of the resultant data shows that the amount of solid precipitations in the drainage areas differs greatly under the conditions prevailing in the Kamennaya steppe. The latter can be recorded most accurately only when both methods are employed simultaneously (measurement of snow and other precipitations). Investigations further showed that the water

Card 1/2

On the Methods of Recording Winter Precipitations in the SOV/50-59-10-15/25
Kamennaya Steppe

reserves of snow at any given date may also be determined by snow determination according to a shortened program. However, this requires a preliminary determination of the characteristic area of the drainage area where the snowfall is to be measured. These data also permit an estimation of the water reserves in snow on the day on which thaw sets in. There are 1 table and 3 Soviet references.

Card 2/2

KAULIN, V.N.

Effect on precipitation exerted by forest belts in the Kamennaya Steppe.
Meteor. i gidrol. no.6:32-35 Je '62. (MIRA 15:6)
(Kamennaya Steppe--Precipitation (Meteorology))
(Forest influences)

AUTHOR:

Kaulina, K. I.

TITLE:

Experiment on the Use of GGI-500 Vaporizers and Small Model Hydraulic Vaporizer at the Kamennaya Steppe Agricultural Stations (Opyt primeneniya ispariteley GGI-500 i gidravlicheskego isparitelya maloy na sel'skokhozyaystvennykh polyakh Kamennoy Stepi).

PERIODICAL:

Meteorologiya i Gidrologiya, 1957, No. 1, pp. 47-50 (U.S.S.R.)

ABSTRACT:

The Scientific-Research Hydrometeorological Observatory at Kamennaya Steppe in 1953-1954 conducted comparative observations of the evaporation from agricultural fields by the indications of various types of vaporizers. Readings were taken 3 times daily at 0700, 1300 and 1900 hours and the moisture of the soil to a depth of 120 cm. was determined by the discharge of the monolith. Curves showing soil evaporation according to GPI-51 and GGI-500 vaporizers are shown in Fig. 1. Table 1 shows the soil evaporation results according to various evaporators. Evaporations for individual time periods are shown in Fig. 2. Small discrepancies between the moisture content of the soil in the vaporizers and the soil of the

Card 1/2

KAULINA, K.I.

Comparing the results of observations on evaporation from soils
obtained by three methods. Meteor. i gidrol. no.7:41-42 J1 '60.
(MIRA 13:7)
(Evaporation)

KAULINA, M.M.

Study and Use of Petroleum Products

Trudy VNII NP no. 6
1957 Moscow, Gostoptekhnidat, 1957, 213pp.

flows through the shutoff valve of the gas container increases the effectiveness of corrosion protection. The acidity of this liquid does not have a negative effect on its protective properties. There are 7 tables and 1 figure.

Kaulina, M.M. and Luneva, V.C. Evaluation of the Viscosity Properties of Consistent Lubricants at Low Temperatures by Using Rotary and Capillary Viscometers

199

The above-mentioned methods are described in detail. 1) The rotary viscometer [Ref. 2] is based on measuring the resistance of lubricants on a revolving roller. 2) The capillary viscometer [Ref. 1, 4, 7] is based on measuring the resistance of oils passing through a capillary tube. The rotary viscometer has no temperature limitations, it is stated, and the viscosity of lubricant greases can be determined at -30° C. The rotary method was worked out by

V. P. Pavlov and the Capillary method by the Inst. Petroleum, AS USSR,

Card 15/27

SOV/81-59-16-58543

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 416 (USSR)

AUTHORS: Martynov, V.M., Kaulina, M. M., Kochkova, R.I.

TITLE: Aging and Volume-Mechanical Properties of Consistent Lubricants

PERIODICAL: Tr. Vses. n.-i. in-t po pererabotke nefti i gaza i polucheniyu
iskusstv. zhidk. topliva, 1958, Nr 7, pp 433-448

ABSTRACT: The changes in volume-mechanical properties (effective viscosity (η) and strength limit (τ_{nr})) of the consistent lubricants (CL) tsiatim-201 and -221 have been studied. These changes were caused by the partial separation of the liquid phase and also by the oxidation of CL, which take place while storing CL in the packing material or on products. The oils were pressed out mechanically from CL. For oxidation a layer of CL with a thickness of 1 mm, applied on to a steel plate, was irradiated by a quartz lamp at $75+2^{\circ}\text{C}$ up to attaining the desired depth of oxidation. Samples of CL were also investigated which had been taken from machine parts after storing under actual conditions, η and τ_{nr} were determined with a rotation viscosimeter of V.P. Pavlov's type. At

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SOV/81-59-16-58543

Aging and Volume-Mechanical Properties of Consistent Lubricants

the elimination of up to 20% of oil the increase of η in both investigated CL is insignificant. The increase of η at the expense of the elimination of oil from CL stored under actual conditions can manifest itself in the operation of only especially precise mechanisms; τ_{nr} of CL increases in proportion to the oil elimination in a higher degree than η does. During oxidation η and τ_{nr} of CL-201 and -221 increases in the beginning (in CL-221 in the beginning τ_{nr} at small speed gradients η falls sharply). At continuation of the oxidation, τ_{nr} and η of CL practically do not change. It has been established that during storing of CL-221 its η within 19 months rose 3-4.5 times and τ_{nr} 40 times. This is explained not by oxidation or separation of the oil, but by absorption of moisture from the air.

P. Kazhdan.

Card 2/2

MARTYNOV, V.M.; KAULINA, M.M.

Method for determining the molecular weights of lubricant vapors.
Neftaper. i neftekhim. no.6&21-23 '63 (MIRA 1787)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti.

1. KAULINA, Z. ^{P.}
2. USSR (600)
4. Academy of Sciences of the U. S. S. R.
7. Session of the Astronomical Council of the Academy of Sciences of the U. S. S. R.
in Riga. Latv.PSR Zin.Akad. Vestis no. 9, 1950.
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

KAULINA, Z.P.

Proper motion of AG Virginis. Per.zvezdy 10 no.3:188-190 0 '54.
(MLRA 8:12)

1. Gosudarstvennyy astronomicheskiy institut imeni P.K.Shternberga
(Stars, Variable) (Stars--Proper motion)

KAULINA,Z.; SIPOLA,V.; DIRIKIS,M.

Elements of orbits and ephemerids of minor planets. Astron.tsir.
no.156:3-5 Ja'55. (MLRA 8:10)

1. Rishskoye otdeleniye VAGO
(Planets, Minor)

KAULINS, A.

Automobile transportation on our collective farm.

P. 24 (PADOMJU LATIJAS KOLCHOZNIEKS) Riga, Latvia Vol. 9, No. 7, July 1957

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No. 11 November 1957.

KAULINS, Alberts; LEVTOVS, Arons; DIMDINS, J. [translator]; CERKOVSKIS, P.,
red.; ZAGARS, A., tekhn. red.

[Agricultural planning for elementary schools and study groups on
agricultural economics] Lauksaimnieciskas razosanas planosana;
lauksaimniecibas ekonomikas pamatskolu un pulcinu klausitajiem.
Riga, Latvijas Valsts izdevnieciba, 1961. 47 p. (MIRA 15:3)

1. Sekretar' rayonnogo komiteta Latviyskoy kommunisticheskoy
partii goroda Ogre (for Kaulins).
(Agriculture)

L 00781-67 ENT(d)/ENT(1) LIP(c) GW
ACC NR: AP6026754

SOURCE CODE: UR/0197/66/000/007/0034/0038

AUTHOR: Shteyns, K. A. --Steins, K. ; Zal'kalne, I. E. --Zalkalne, I. ;
Kaulinya, Z. P. --Kaulina, Z.

ORG: Astronomical Observatory, LGU im. P. Stuchko (Astronomiceskay
observatoriya LGU)

TITLE: Chart for modeling the star movement in the environs of the sun

SOURCE: AN LatSSR. Izvestiya, no. 7, 1966, 34-38

TOPIC TAGS: star chart, conditional star, vector, relative velocity, astronomic
time, parameter, Monte Carlo method, star movement

ABSTRACT: A system has been designed to simulate star movement. The stars
are uniformly distributed over the surface of a sphere and move at equal time
intervals and at equal rates inward into the sphere. The vectors of relative
velocities are uniformly distributed in all directions. It is shown that the basic
properties of the chart have already been obtained by the Monte-Carlo method for
250 conditional stars. Formulas are evolved for the intensity and density of the

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L 00781-67

ACC NR: AP6026754

stream of stars; they are in good agreement with calculations by the Monte-Carlo method for the proposed chart. The parameters of the chart were determined in accordance with the catalog of stars nearest to the Sun. Orig. art. has: 1 figure, 5 formulas, and 1 table. [Based on authors' abstract] [NT]

SUB CODE: 03 / SUBM DATE: 10Jan66 / ORIG REF: 001 / OTH REF: 003 /

Card 2/2 mjs

ANTON'YEVA, N.M.; BASHILOV, A.A. [deceased]; DZHELEPOV, B.S.; KAUN, K.G.
MEYER, A.F.A.; SMIRNOV, V.B.

Radiation from Eu ¹⁴⁵, Eu ¹⁴⁶ and Eu ¹⁴⁷. Zhur. eksp. i teor.
fiz. 40 no.1:23-28 Ja '61. (MIRA 14:6)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo
universiteta.
(Europium--Isotopes) (Isotope separation)

TARNOPOL'SKIY, Yu.M.; PETROV, A.V.; AKUNTS, K.A.; Prinimali uchastiye:
KAULINYA, R.P., mladshiy nauchnyy sotrudnik; KONSHEV, A.V. inzh.

Effect of compression parameters on the strength of the plastic
AG-4. Plast.massy no.4:65-67 '62. (MIRA 15:4)
(Plastics--Molding)

KAUNAITE, M. P.

Trakaiskiy District, Lithuanian SSR.
"Industry and Agriculture," (Speech), 1949.

Current Digest of the Soviet Press, Vol. 1, No. 10, 1949, page 16. (In CIA Library).

KAUNAS, J.

112-2-3644

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,
Nr 2, p.164 (USSR)

AUTHOR: Kaunas, J.

TITLE: Resistance of the Spot Weld Contact (Soprotivleniye
tochechnogo kontakta) (In Lithuanian, resume in Russian)

PERIODICAL: Kauno politekhn. inst. darbai, Tr. Kaunassk. politekhn.
in-ta, 1955, Nr 3, pp.119-126

ABSTRACT: The author introduces the coefficient k , which is a function of d_0 , δ_0 and the diameter of the cylinder D , into the familiar formula $R_k = 4 \rho \delta_0 / \pi d_0^2$ which expresses the resistance of a cylinder (plate) of thickness δ_0 and resistivity ρ placed between two welding electrodes each of diameter d_0 . Values of k determined by experiment are given. They differ from the computed values by less than 2 per cent. The measurements were made on models from a single piece of metal. The proposed method gives more accurate results than the method of Gel'man and Gastila.

G.K.Ts.

Card 1/1

KAUNAS, YU. YU.

1480 Issledovaniye stutnogo Kontakta dlya unipolyarnoy mashiny. Kaunas, 1954. 16 s.
s chert. 22 sm. (Litov. s-kh. aka') 100ekz. Pespl. -(54-54154)

SO: Knizhaya Letopis', Vol. 1, 1955

KAUNAS, Yu. Yu.

"Investigation of Mercury Contact for Unipolar' Machines." Cand Tech Sci, Lithuanian Agricultural Acad, Kaunas, 1954. (XL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

KAUNAT, H.

Growth substance needing bacteria isolated from the internal
rhizosphere of cultivated plants, Pt. 5.

1. Universita v Rostoku, ustav pro zemedelskou biologii,
mikro-biologicke oddeleni, Rostok.

KAUNETSKIYENE

Yu.

KAUNECKIENE, Justina

[Kaunas Zoological Garden] Kauno zoologijos sodas. Vilnius,
Valstybine politines ir mokslynes literaturo leidykla,
1960. 157 p. (MIR 15:10)
(Kaunas--Zoological gardens)

DONSKAYA, L.V., KAUNINA, R.A. (Leningrad)

Activity of cholinesterase in different tissues of white
mice in experimental poliomyelitis. Pat.fiziol. i eksp.
terap. 7 no.2:70-71 Mr-Ap'63. (MIRA 16:10)

1.Iz Kafedry normal'noy fiziologii (zav. - prof. Yu.M.Uflyand)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo in-
stituta.

(POLIOMYELITIS) (CHOLINESTERASE)

KAUNOV, S.Ya.

Optimum spacing between the contour of the anodic grounding
and the drainage point on the structure being protected by
a cathodic station. Zashch.met. 1 no.6:670-676 N-D '65.

(MIRA 18:11)

1. Kiievskiy institut po proyektirovaniyu.

KAUNOV, Ya.P.

Organizing the study and generalization of the experience of
manual training teachers. Politekh,obuch. no.10:63-66 0 159.
(MIRA 13:2)

1. Stalingradskiy oblastnoy institut usovershenstvovaniya
uchiteley.

(Manual training)

LIIIV, E., kand.tekhn.nauk; KAUP, Y.

Mechanism of the effect of nitric acid on the medium and heavy fractions of shale tar. Izv AN Est SSR Ser fiz-mat i tekhn nauk no.4:278-287 '61.

1. Academy of Sciences of the Estonian S.S.R., Institute of Chemistry.

FREYDLIN, L.Kh.; LITVIN, Ye.F.; KAUP, Yu.Yu.

Sequence of reactions in the hydrogenation of 2,3-dimethyl-1,3-butadiene on a skeletal nickel catalyst. Dokl. AN SSSR 139 no. 6:1386-1388 Ag '61. (MIRA 14:8)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR. Predstavлено академиком M.I. Kabachnikom. (Butadiene) (Hydrogenation)

FREYDLIN, L.Kh.; KAUP, Yu.Yu.

Selectivity and stereospecificity of the hydrogenation of n.pentyne
on a skeletal nickel catalyst. Neftekhimiia 2 no.2:154-159 Mr-Ap
'62. (MIRA 15:6)

1. Institut organicheskoy khimii AN SSSR imeni N.D.Zelinskogo.
(Pentyne) (Hydrogenation) (Catalysis)

FREYDLIN, L.Kh.; KAUP, Yu.Yu.; LITVIN, Ye.F.; ILOMETS, T.I.

Selectivity and stereospecificity in reactions of n-hexene
hydrogenation on a skeletal nickel catalyst. Dokl. AN SSSR
143 no.4:883-886 Ap '62. (MIRA 15:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
Predstavлено академиком A.A.Balandinym.
(Hexene) (Hydrogenation) (Catalysts, Nickel)

FREYDLIN, L.Kh.; KAUP, Yu.Yu.; LITVIN, Ye.F.

Processes of hydrogenation and isomerization of n. hexenes
in the presence of a skeletal nickel catalyst. Izv.AN SSSR.Otd.
khim.nauk no.8.1464-1467 Ag '62. (MIRA 15:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Hexene) (Hydrogenation) (Nickel catalysts)

FREYDLIN, L.Kh.; KAUP, Yu.Yu.

Mechanism of hydrogenation of n.pentyne and n.hexyne on a skeletal
nickel catalyst. Izv.AN SSSR.Otd.khim.nauk no.9:1660-1663 S '62.
(MIRA 15:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Pentyne) (Hexyne) (Hydrogenation)

S/062/63/000/001/016/025
B101/B186

AUTHORS: Freydrin, L. Kh., and Kaup, Yu. Yu.

TITLE: Study of the mechanism of hydrogenation of acetylene hydrocarbons on nickel skeleton catalyst

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh nauk, no. 1, 1963, 166 - 170

TEXT: The applicability of the reaction equations $R-C\equiv C-R \xrightarrow{+H_2} R-C=O-R_{ads}$ (1) and $R-C\equiv C-R \xrightarrow{+H_2} R-C-C-R_{ads}$ (1) and $R-C\equiv C-R \xrightarrow{+2H_2} R-C-C-R$ (2) was checked by hydrogenation of binary equimolar mixtures of hexyne-1 + pentene-1 and pentyne-2+hexene-2 on a nickel skeleton catalyst. The experiments were made with 20 ml of 0.5 M solutions in absolute methanol at 10°C with 0.1 g catalyst. Preliminary experiments showed that in mixtures of hexene-1+pentene-1, molar ratio 1:1, 1:2, 2:1, the two olefins were hydrogenated proportionally to their content in the mixture; they are adsorbed on the catalyst to the same extent and may, therefore, substitute one another in a mixture with pentyne-1 or hexyne-1. The same was found Card. 1/2

Study of the mechanism ...

S/062/63/000/001/016/025
B101/B186

for cis-pentene-2 and cis-hexene-2. Results of hydrogenation of the binary mixtures of acetylene and olefin hydrocarbons. The β -acetylene hydrocarbon is hydrogenated with a high degree of selectivity and stereospecificity. The reaction proceeds mainly by the formation of a cis-olefin. Saturated hydrocarbons, products of cis-trans-conversion and migration of the double bond are formed in the first stage of the reaction only in a small amount according to Eq. (2). α -acetylene hydrocarbon, however, is partially hydrogenated in the first stage to the saturated hydrocarbon, the α -olefin admixed being hydrogenated only to a small extent and without isomerization. Thus, hydrogenation of α -acetylene hydrocarbon occurs by both mechanisms at the same time. There are 4 figures and 2 tables.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskogo of the Academy of Sciences USSR)

SUBMITTED: April 24, 1962

Card 2/2

S 1 P 2 - 1
AUTHOR:

Freydin, L. Kh. and Kaup, Yu. Yu.

TITLE:

Investigation of alpha-, beta-, and gamma-acetylenic hydrocarbon hydrogenation in their binary mixtures on a skeleton nickel catalyst

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh nauk, no. 4, 1963, 742-748

21

TEXT: In binary systems composed of alpha- and alpha-(C₅-C₇), beta- and beta-(C₅-C₆) and beta- and gamma-(C₅-C₆) normal acetylenic hydrocarbons, components of the mixture are hydrogenated on a skeleton nickel catalyst simultaneously and with identical speed. Principally alpha-acetylenic hydrocarbons are hydrogenated in the first stage of hydrogenation of the binary mixture of alpha- and beta-, and also of gamma-acetylenic hydrocarbons. The relative reactivities of hydrocarbons studied (C₅-C₇) and the olefins formed from them are hydrogenated in the sequence: alpha-acetylenes; beta- and gamma-acetylenes; alpha-olefins; beta- and gamma-olefins characterizing their relative absorbability on nickel catalyst. There are 5 figures and 3 tables. The most important English-language

Card 1/2

1 1206-1-2

S/062/63/000/004/c1c,c22

Investigation of alpha-

references read as follows: G. C. Bond, J. Sheridan, Trans. Faraday Soc., 48, 664 (1952); T. Fukuda, Bull. Chem. Soc. Japan, 32, No. 12, 1279 (1959).

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskogo, Academy of Sciences USSR)

SUBMITTED: June 6, 1962

Card 2/2

FREYDLIN, L.Kh.; KAUP, Yu.Yu.

Hydrogenation of isopropenylacetylene on a skeletal nickel catalyst.
Izv. AN SSSR. Otd.khim.nauk no.6:1091-1095 Je '63. (MIRA 16:7)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.
(Butenyne) (Hydrogenation) (Nickel catalysts)

FREYDLIN, L.Kh.; KAUP, Yu.Yu.

Selectivity and stereospecificity in the processes of hydrogenation
of acetylenic hydrocarbons on metal catalysts. Dokl. AN SSSR
152 no.6:1383-1386. O '63.
(MIRA 16:11)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
Predstavлено академиком А.А. Баландиным.

FREYDLIN, L.Kh.; KAUP, Yu.Yu.

Hydrogenation of isopropenylacetylene on a skeletal cobalt catalyst and Pd black. Izv. AN SSSR. Ser. khim. no.8:1501-1504 Ag '64.
(MIRA 17:9)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

FREYDLIN, L. Kh.; KAUP, Yu.Yu.

Two aspects of selectivity and stereospecificity in the processes of hydrogenation of n-pentyne on Pd, Pt, and Rh catalysts. Izv. AN SSSR Ser. khim. no.12:2146-2151 D '64 (MIRA 18:1)

Hydrogenation of mono- and di-substituted acetylenic hydrocarbons on a skeletal cobalt catalyst. Ibid.:2152-2156

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

MISUREC, J.; UHLIR, F., KAUPA, R.

Used of succinylcholine of Czechoslovakian production in electroshock therapy. Cesk. Psychiat. 55 no.2:96-101 Apr 59.

1. Psychiatricka lecebna v Opave, oddeleni pro hrudni chirurgii OUNZ Opava.

(SHOCK THERAPY, ELECTRIC,
adjuvant, succinylcholine (Cz))
(SUCCINYLCHOLINE, ther. use,
in electric shock ther. (Cz))

KAUPUSH, K.D.

Adaptation of animals to the environment. Sbor. trud. Mosk. zoop. no.1:
16-28 '56.

(MIRA 10:11)

(Adaptation (Biology)--Study and teaching)
(Moscow--Zoological gardens)

KAURAYSKIY, V. V.

21370 KAURAYSKIY, V. V. O Raschete I izgotovlenii globusov. (Tezisy' Doklada).
Trudy utorogo usesoyu. Geogr. S"ezda. T. III. M., 1949, S. 34-35.
SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

KAUREK, Robert (Veszprem); GONDOS, Gyorgy(Veszprem); SCHULTHEISS, Zoltan
(Veszprem)

Investigation of the oxidation properties of coal from the Ajka-Jokai
mine. Kem tud kozl MTA 16 no.1:116 '61.

1. Nevezvegyipari Kutato Intezet, Veszprem(for Kaurek). 2.Kozepdunantuli
Szenbanyaszati Troszt, Veszprem(for Gondos). 3.Veszpremi Vegyipari
Egyetem(for Schultheiss).

(Hungary—Coal) (Oxidation)

LJUBOMIR SIMEONOV; MILICA KAUVIC

Visiting nurse service in Tuzla industrial area. Higijena, Beogr. no. 2-2: 154-152 1957.

(PUBLIC HEALTH NURSING

community nursing serv. in Yugoslavia. (Ser))

KOLIAR, K.; KAURIC, Z.

Progress in virusology and its significance in internal medicine.
Bratisl. lek. listy 33 no.1:31-78 1953. (CIML 24:3)

1. Of the Internal Department of MUNZ Health Center, Prievoz, Bratislava
XII. 2. Presented at the Seminar of the First Internal Clinic of Prof.
L. Derer, on 22 and 29 of March 1952 and 26 April 1952; presented on 26
April 1952 in abbreviated form at Fifth District's Seminar session of
ENT clinic of Slovak University within the program of postgraduate train-
ing of laryngologists; presented at the Seminar of the Institute of
Medical Microbiology on May 10, 1952 and at the Seminar session of the
Virusological Department of Docent D. Blaskovic, M. D. in Bratislava on
14 May 1952.

KAURICHEV, I. S.

YARKOV, S.P., doktor sel'skokhozyaystvennykh nauk, professor [deceased];
KAURICHEV, I.S., kandidat sel'skokhozyaystvennykh nauk, dotsent;
PODDUBNYY, N.N., kandidat sel'skokhozyaystvennykh nauk.

Studying the genesis of Solonetz and Soloth soils. Izv. TSKhA
no.2:141-150 '56.
(MLRA 9:12)

(Solonetz soils) (Soloth soils)

Kaurichev, I.S.

USSR/Soil Science. Physical and Chemical Properties of Soils. I-2

Abs Jour: Referat.Zh.Biol., No. 16, 25 Aug, 1957, 69004

Author : Kaurichev, I.S., Poddubniy, N. N.

Inst :
Title : Water Regimen of Normal and Lixiviated Black Soils of
the Right Bank in Saratov Province.

Orig Pub: Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva, 1956,
No. 23, 177-184

Abstract: Results of tests are described from the educational-experimental farm TSKhA "Mummovskoe" on black soils of the Don slope of the Prevolga elevation. Fixed observations were conducted monthly during vegetative periods of 1953-1954 under perennial and annual grasses and different agricultural products.

Card 1/1

- 11 -

USSR / General Division, Congresses, Conventions,
Conferences

A-4

Abs Jour: Ref Zhur-Biologija, No 5, 1958, 18882

Author : Kaurichev I. S.

Inst : Not given

Title : The Sixth International Congress of Soil Scientists
(Paris - 29 August-8 September 1956)

Orig Pub: Novye knigi za rubezhem, 1957, B, No. 1, 113-115

Abstract: See: Ref Zhur-Biologija, 1957, 85069

Card 1/1

~~KAURICHEV, I.S.~~

~~KAURICHEV, I.S.~~, kandidat sel'skokhozyaystvennykh nauk; PODDUBNYY, N.N.,
kandidat sel'skokhozyaystvennykh nauk.

Soils of the "Murmanskoe" Training Farm and their agronomic
characteristics. Izv.TSKhA no.2:141-155 '57. (MLRA 10:9)
(Atkarsk District--Soils)

USSR / Soil Science. Physical and Chemical Properties of Soil. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6074.

Author : Kaurichev, I. S.

Inst : Moscow Agricultural Academy im. K. A. Timiryazev.

Title : Forms of Iron in the Top Water Layer Soils of the Turf-Podzolic Zone.

Orig Pub: Dokl. Mosk. s.-kh. akad. im. K. A. Timiryazeva, 1957, vyp. 31, 219-223.

Abstract: The study of iron forms in the top water layers of turf-podzolic, gley and humus-peat soils was carried out according to the Shidlovskaya-Ovchinnikova method at the forest summer resort of the Moscow Agricultural Academy im. K. A. Timiryazev. The generally insignificant amount of Fe in the top water layer under the forest was observed

Card 1/2

22

USSR / Soil Science. Physical and Chemical Properties J
of Soil.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6074.

Abstract: (from 1.5 - 3 milligram per liter to 9 milligram per liter), and its significant content in the bottomland of top water layer soil. Under electrodialysis of especially prepared solutions, obtained by gleying the cover of argillaceous soils under the influence of water soluble decomposition products of birch leaves, coniferous needles of pine trees, and hay having a high content of soluble-bound forms of Fe, - a significant amount of Fe was found in the anode compartment, a phenomenon that can be explained only by the presence of organic-iron compounds of a complex nature. --
E. A. Korgblyum.

Card 2/2

USSR / Soil Science. Biology of Soils.

J-3

Abs Jour: Ref Zhur-Biol., No 8, 1958, 34363.

Author : Kaurichev, I. S.; Panov, N. P.
Inst : Moscow Agricultural Academy imeni K.A. Timiryazev.
Title : On the Composition of Humus in Saliniferous Soils.

Orig Pub: Dokl. Mosk. s. kh. akad. im. K.... Timiryazova,
1957, vyp. 29, 195 - 201.

Abstract: With the increase of saline content in black
earth of the Southern loess bank area of Pavlo-
darskaya Oblast, the amount of organic matters
in it sharply diminishes; this is primarily con-
nected with aqua-physical properties of soils.
Depending on the degree of salinity, the qual-
itative composition of humus matters also changes;
important increase of fulvous acids was observed
in saline soils. -- F. N. Sofioyeva.

Card 1/1

11

KAURICHEV, I.S., kand.sel'skokhozyaystvennykh nauk.; NOZDRUNOVA, Ye.M., kand.
biol.nauk.

Effect of various types of forest plantations on the oxidation-reduction processes of soils [with summary in English]. Izv. TSKhA no.5:161-176 '58. (MIRA 11:11)
(Forests soils) (Oxidation-reduction reaction)

KAURICHEV, I.S.; KULAKOV, Ye.V.; NOSDRUNOVA, Ye.M.

Formation and migration of organic iron compounds in soil. Pochvovedenie
no.12:1-8 D '58. (MIRA 12:1)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.
Timiryazeva. (Minerals in soil) (Iron compounds)

KAURICHEV, I.S. dotsent, kand.sel'skokhoz.nauk; NOZDRUNOVA, Ye.M., kand.
biolog.nauk; RYTIKOVA, M.N.

Formation of iron organic compounds in gley soils under the influence of aqueous extracts of vegetable residues. Izv.TSKhA
no.3:193-200 '59. (MIRA 12:10)
(Iron organic compounds) (Soil formation)

KAURICHEV, I.S.; NEPOMILUYEV, V.F.; PODDUBNYY, N.N.

Characteristics of oxidation-reduction processes in Solonetz and
Soloth soils [with summary in English]. Pochvovedenie no.4:9-15
Ap '59. (MIRA 12:7)

1. Sel'skokhozyaystvennaya akademiya im. K.A. Timiryazeva.
(Solonetz soils) (Soloth soils) (Oxidation-reduction reaction)

~~KAURICHEV, I.S., kand.sel'skokhozyaystvennykh nauk; BELOVA, N.I., kand.~~
filos, nauk

Philosophical problems pertaining to the theory of soil formation. Izv.TSKhA no.4:63-74 '59. (MIR 12:11)
(Soil formation)

KAURICHEV, I. S., KULAKOV, Ye. V., NOSDRUNOVA, Ye. M.

"Über Die Natur Komplexer Eisen-Organischer Verbindungen Im Boden".
report submitted for the 7th Congress of International Society of Soil Science
Madison, Wisconsin, 15-23 Aug 60.

KAURICHEV, I.S., kand.sel'skokhozyaystvennykh nauk, dotsent; LI CHAN-VEY
[Li Ch'ang-wei], kand.sel'skokhozyaystvennykh nauk

Nature of phosphate-ion fixation in temporarily overwet turf-
Podzolic soils; 2nd report. Izv. TSKhA no.3:109-122 '60.
(MIRA 14:4)

(Podzol) (Phosphates)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210011-6

KAURICHEV, I.S., kand.sel'skokhozyaystvennykh nauk, dotsent; NOZDRUNOVA, Ye.M.,
kand.biologicheskikh nauk; RYTIKOVA, M.N.
Qualitative composition of the humus of turf-Podzolic soils in areas
of temporarily overwet soils [with summary in English]. Izv. TSKhA
no.5:101-113 '60.
(Podzol) (Humus) (MIRA 13:11)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210011-6"

CHIZHEVSKIY, M.G., doktor sel'skokhozyaystvennykh nauk, prof.; GRESHIN, I.P.,
kand.sel'skokhozyaystvennykh nauk; GROMYKO, I.D., kand.sel'skokhozyay-
stvennykh nauk; KURICHESKII, I.S., kand.sel'skokhozyaystvennykh nauk
"Principal problems of agriculture in the Far East" by A.G.Novak.
Reviewed by M.G.Chizhevskii and others. Izv.TSKhA no.5:234-237 '60.
(Soviet Far East--Agriculture) (Novak, A.G.) (MIRA 13:11)

KAURICHEV, I.S.; NOZDRUNOVA, Ye.M.

Role of water-soluble components of the organic substances of
plant residues in the formation of available organic iron
compounds. Pochvovedenie no.10:10-18 O '61. (MIRA 14:9)

1. Sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva.
(Soil--Iron content)
(Humus)

KAURICHEV, I. S.; FEDOROV, Ye.A.; SHNABEL', I.A.

Applying continuous paper electrophoresis in separating humic acids.
Pochvovedenie no.10:31-36 '60. (MIRA 13:10)

1. Timiryazevskaya sel'skokhozyaystvennaya akademiya.
(Paper electrophoresis) (Humic acid)

KAURICHEV, I.S.; NOZDRUNOVA, Ye.M.

Using lysimeter chromatographic columns for determining the migration
of certain compounds in soil. Pochvovedenie no.12:30-35 D '60.
(NIRA 14:1)

1. Sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva.
(Soils--Analysis) (Chromatographic analysis)

YARKOV, Sergey Petrovich, prof. [deceased]; prinalni uchastiye;
GRECHIN, I.P., kand. sel'khoz. nauk, dotsent; KAURICHEN, I.S.,
kand. sel'khoz. nauk, dotsent; KULAKOV, Ye.V., st. nauchnyy
sotrudnik; YARKOVA, M.A., pochvoved; TYURIN, I.V., akademik,
otv. red.; PAVLOV, A.N., red. izd-va; YEGOROVA, N.F., tekhn.
red.

[Soils of the forest-meadow zone of the U.S.S.R.] Pochvy leso-
lugovoi zony SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 317 p.
(MIRA 14:5)

1. Kepedra pochvovedeniya Moskovskoy Ordena Lenina Sel'eko-
khozyaystvennoy Akademii im. K.A.Timiryazeva (for Grechin, Kau-
richen) 2. Pochvenno-agronomicheskiy muzey im. V.R.Vil'yamsa
(for Kulakov)

(Soils)

KAURICHEV, I.S., kand.sel'skokhozyaystvennykh nauk, dotsent; NOZDRUNOVA,
Ye.M., kand.biologicheskikh nauk, mладший научный сотрудник

Manifestation of the Podzol formation under present conditions
in forest-meadow zones. Izv. TSKHA no.3:39-48 '61.

(MIRA 14:9)
(Podzol).

KAURICHEV, I.S.; IVANOVA, T.N.; NOZDRUNOVA, Ye.M.

Low-molecular organic acids in the composition of water-soluble
soil organic substances. Pochvovedenie no.3:27-35 Mr '63.
(MIRA 16;3)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva
i Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K.Krupskoy.
(Humus) (Acid, Organic)

KAURICHEV, I.S., kand. sel'skokh₄ nauk; NOZDRUNOVA, Ye.M., kand. biolog.
nauk

Migration and qualitative composition of water-soluble organic
substances in soils of the forest-meadow zone. Izv. TSKHA no.5:
91-106 '62. (MIRA 16:7)

(Humus)

KAURICHEV, I.S.; KOMAROVA, N.A.; SKRYNNIKOVA, I.N.; SHILOVA, Ye.I.

Methods for studying the chemical composition of the liquid
phase of soil (soil solution). Pochvovedenie no.6:35-47 Je '63.
(MIRA 16:7)
(Soils--Analysis)

KAURICHEV, I.S., dotsent, kand. sel'skokhozyaystvennykh nauk; ANDRATSKAYA,
Ye.P., aspirantka

Oxidation-reduction processes in typical Chernozem and podzolized
soils in the circular depressions of forest steppe. Izv. TSKHA no.3:
126-140 '64. (MIRA 17:11)

1. Kafedra pochvovedeniya Moskovskoy sel'skokhozyaystvennoy akademii
imeni Timiryazeva.

KAURICHEV, I.S., doktort, kand. sel'skokhoz. nauk; FROLOVA, L.B., aspirantka

Characteristics of soil formation in forests and cutovers in
the subzone of the central taiga. Izv. TSKhA no.2:142-157 '65.
(MChA 18:9)

1. Kafedra pochvovedeniya Moskovskoy akademii sel'skokhozsysstvennykh
nauk imeni Timiryazeva.

KAURICHEV, I.S., dotsent, kand. sel'skokhoz. nauk; BAZILINSKAYA, M.V.,
kand. biolog. nauk

Migration of organic substances and iron in soils of the
Solonetz complex in the forest-steppe of Western Siberia.
Izv. TSKHA no.4:17-27 '65. (MIRA 18:11)

1. Kafedra pochvovedeniya Moskovskoy sel'skokhozyayet-zemnov
ordena Lenina akademii imeni Timiryazeva. Submitted January 8,
1965.

YEGOROV, V.V.; ZIMOVETS, B.A.; BONDAREV, A.G.; SLAVNYY, Yu.A.; ORLOVA,
Ye.M.; KAURICHEVA, Z.N.

Effect of the complex of soil cover on the effectiveness of
saturation irrigation on large checks. Pochvovedenie no.10:
6-15 O '65. (MIRA 18:11)

1. Pochvennyy institut imeni Dokuchayeva.

KAURKOVA, G.K. [Kaurkova, H.K.]; KACHAN, O.O.; KORNEV, K.A. [Korniev, K.A.];
CHERVYATSOVA, L.I.

Radiation-induced chemical cross-linking of polyolefins in the
presence of sulfur monochloride. Dop. AN URSR no.9:1183-1186 '65.
(MIRA 18:9)

1. Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR.
2. Chlen-korrespondent AN UkrSSR (for Kornev).

KAURKOVA, O.K. [Kaurkova, H.K.]; KACHAN, A.A., kand.khim.nauk; KORNEV, K.A. [Korniev, K.A.], doktor khim.nauk; CHERVYATSOVA, L.L. [Cherv'iatsova, L.L.], kand.khim.nauk

Using the method of photochemical cross-linking in the presence of sulfur monocloride to increase the resistance to heat of polyethylene. Khim.prom. [Ukr.] no.2:8-9 Ap-Je '65. (MIRA 18:6)

L-26037-66 EWT(m)/EWP(j)/EWA(h)/T/EWA(1) IJP(c) RM
ACG NR: AP5024785 SOURCE CODE: UR/0021/65/000/009/1183/1186

AUTHOR: Kaurkova, H. K.--Kaurkova, G.K.; Kachan, O. O.; Kornyev, K. A.--Korney, K. A. (Corresponding member AN UkrSSR); Chervyatsova, L. L.

ORG: Institute of Macromolecular Chemistry, AN UkrSSR (Instytut khimicheskikh sozkomolekularnykh spoluk AN UkrSSR)

TITLE: Radiation-chemical linking of polyolefins in the presence of sulfur monochloride

SOURCE: AN UkrSSR. Dopovidi, no. 9, 1965, 1183-1186

TOPIC TAGS: irradiation, conjugated polyolefin hydrocarbon, sulfur, chemical identification, synthetic material

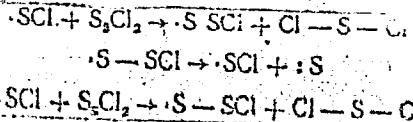
ABSTRACT: A study of radiation-chemical linking was made with samples of non-stabilized polyethylene 60 μ thick, and with polypropylene fiber, 160 μ in diameter subjected to treatment by S Cl₂ in the vapor phase under gamma irradiation from Co⁶⁰ produced by an apparatus providing for radiation doses of ≤ 100 rad/sec. After reaction, the samples were vacuum-treated in an exsiccator and tested in a

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L 26037-64

ACC NR: AP1024785

dynamometer at various temperatures. Practically complete linking (98-99%) was effected by 5-10% of the S₂Cl₂ during the irradiation of polyethylene with a dose of 0.1 Mrad and of polypropylene with a dose of 1 Mrad. The radiation-chemical yield of the process was 1.25 x 10³ for polyethylene. The number of crosslinkings in one polyethylene molecule was determined as 2.5 by recalculating the data of chemical analysis. The linking resulted in an increase of mechanical strength of the polyolefins, which was especially noticeable at elevated temperatures. At 150°C, the tensile strength of modified polyethylene was 83 and polypropylene 210 kg/cm², whereas the initial polypropylene at the same temperature failed at 72 kg/cm², and the initial polyethylene melted at 114°C. The mechanism of linking of polyethylene in the presence of S₂Cl₂ is a complex one. By comparing with the literature (R. G. Sowden, N. Davidson, J. Amer. Chem. Soc. 73, 1291, 1951), it can be assumed that the radical S-Cl was formed under the gamma irradiation and that the linking of polyethylene occurred according to the scheme described by G. A. R. Brandt et al. (J. Amer. Chem. Soc., 2192, 1932):

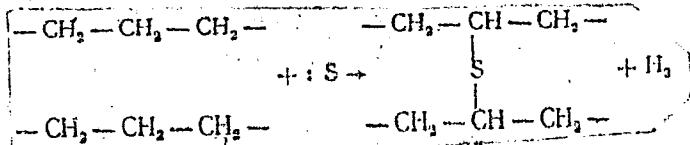


Card 2/3

L 26037-66

ACC NR: AP5024785

The study of various possible reactions on the formation of radicals with polyethylene molecules suggests that the most probable one is the following:



Orig. art. has: 2 formulas, 2 tables and 1 fig.

SUB CODE: 07// SUBM DATE: 17Aug64/ ORIG REF: 001/ OTH REF: 009

Card 3/3 QB

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ACCESSION DATE: 06/13/2000

REF ID: A6513

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KRYUCHKOV, N.; KAURKOVSKIY, D.

The advantages of a joint action. Pozh.delo 8 no.11:13
N '62. (MIRA 15:11)

1. Starshiye inspektora Upravleniya pozharnoy okhrany
Voronezhskoy oblasti.
(Voronezh Province--Petroleum industry--Fires and fire
prevention)

AYZENSHTAT, Ya.I. (Kiyev); KAURKOVSKIY, V.A. (Kiyev)

One of the ways to solve problems in stereometry. Mat.v shkole
no.4:56-57 Jl-Ag '62. (MIRA 15:11)
(Mensuration—Problems, exercises, etc.)

USSR/Chemistry, Chemical Engineering - Jun 52
Automatic Regulators

"Method of Automatic Pre-Set Temperature Regulation
By a Control Element," V. I. Kaurkovskiy, Lab of
Phys Chem Analysis, Voronezh State U

"Zhur Prik Khim" Vol XXV, No 6, pp 668-673

This system permits the use of ordinary, cheap, and
easily available thermocouples made of nonprecious
metals as sensitive control elements at high temps.
Connection of the sensitive element by means of a
potentiometric circuit increases the sensitivity.
The high sensitivity permits use of an indicating

218r39

USSR/Chemistry, Chemical Engineering - Jun 52
Automatic Regulators (Contd)

galvanometer instead of a mirror galvanometer. The
device is simple, easy to build, and sensitive. Con-
trol of elec heating units with the aid of any kind
of applicance for modifying the current is possible
with this device.

218r39

KAURKOVSKIY, V. I.

"APPROVED FOR RELEASE: 06/13/2000

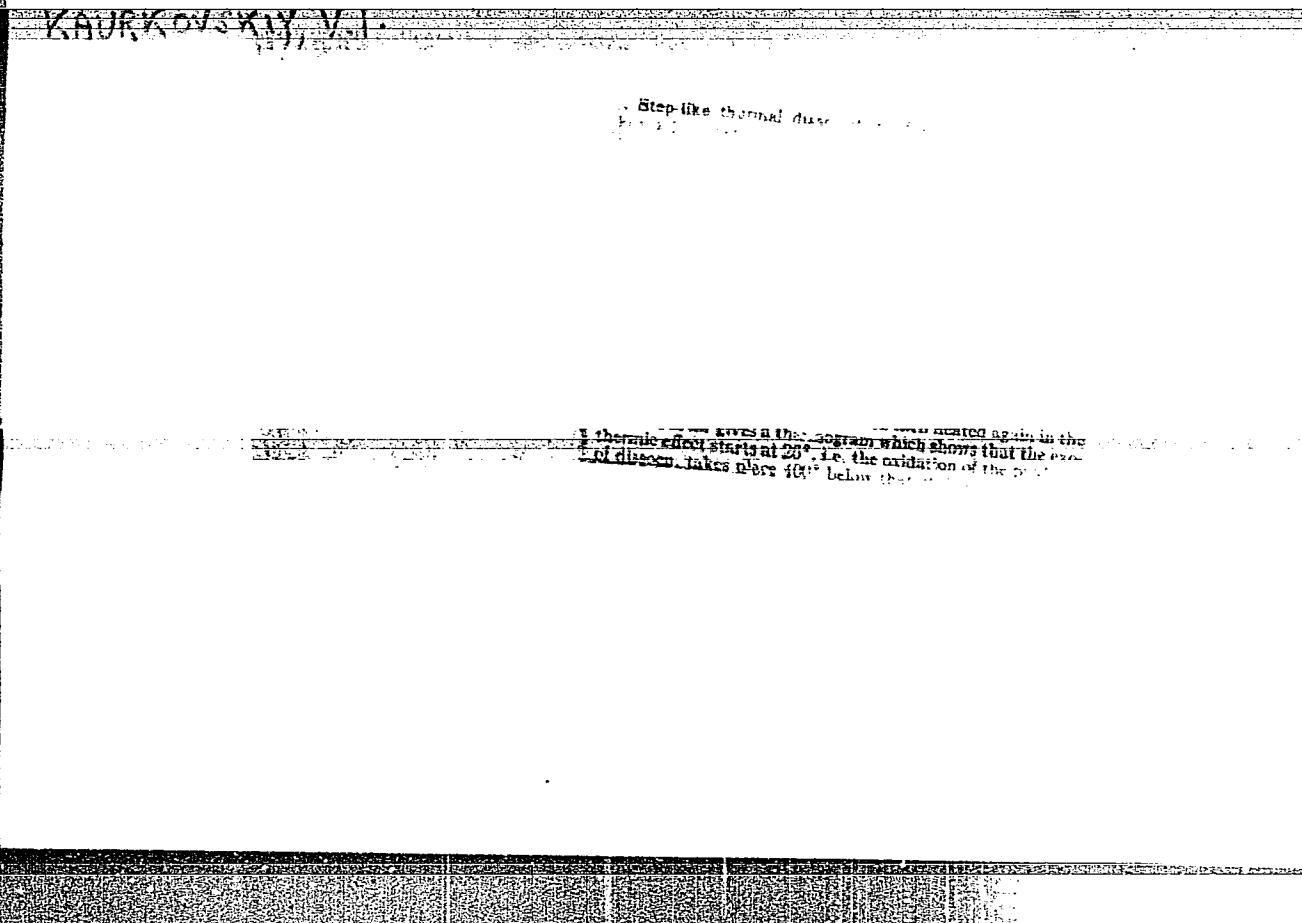
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CIA-RDP86-00513R000721210011-6"

KAURKOVSKIY, V.I.; PALKIN, A.P.

Physicochemical study of iron ores of the Lipetsk deposit, Trudy
VGU 49:111-120 '58. (MIRA 13:5)
(Iron ores--Analysis)

KAURKOVSKIY, V.I.; PALKIN, A.P.

Physicochemical study of the process of siderite oxidation. Trudy
VGU 49:121-126 '58.
(Siderite) (MIRA 13:5)